I & Final Bill

Work code - 005-19-000034

M. A. R. 57 (Rule 116)

Measurement Book

No. B Est Cost Rs. 25.00 lacs

Serial No. ..... Repair Works to Kout Hospital Building 195642

Name of Work ..... At Agrahara Layout in ..... To Ward No. 05

Name of Contractor of nature of Agency ..... Byatarayanapura Sub division.

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No - BBMP/EE/BTP/WO/					2019.20	
	Name & Contractor - Sri. Prakash Naik. H. #03 5th cross Lawrence layout Arabic Coverage. Bangalore-560083						
①	Earth work excavation by manual means in ordinary Soil Soil involving an average horizontal through upto 2 meters and an average lift upto 0.00 MSV excavated						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Surface levelled and slopes neatly dressed and disposed consist of levelled nearly as per Specification & Loads compose as per Specification. As per Pre-Measurement recorded vide Page No.. 495693 to 495694 in Dig MB.					162.00 M	
	Rate- 80:10					12960:	
(2)	Providing and laying in position to gradient level or Slope 300 mm internal diameter Salt glazed Stoneware pipes grade A and joining with cement mortar 1:3 as in Proforma						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

495643

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	@ 1:1 fegding @ Pipes and joints including cost & materials labour charges complete as per specification. As per Pre-Measurment recorded unde Page No.. 495694 to 495695 in this MB. 90.00 Mtr Rate. 600:00					54000:00	
(3)	Providing and laying in position Plain Cement Concrete @ Mix M-7.5 using Normal and Down grade quality						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Prop Medal No Y haunching & 300mm internal diameter Stoneware pipes conforming jointed with in lengths not exceeding 1.8 mtr nett weight including cost & materials taken over cross & bends laying complete as per Specification.						
	As per Pre-measurement recorded under Page No. 495695 to 495696					in this MB	
	Page - 900 ÷ 10					90.00 Mtr.	
(4)	Constructing brick Masonry circular type						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

495644

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	manhole 1.22 mtr internal dia at bottom 1.68 mtr deep and 0.56m dia at top with taper moulded non modular bricks of 50 class designation 50 in cement mortar 1:4 inside cement plastered 12mm thick with cement mortar 1:3 finished with a glossing coat & neat cement foundation concrete M 10 using 40mm and down size granite metal and making necessary channel in cement concrete M 15 with 20mm and down size granite metal finished with a glossing coat & neat cements with SFRC cover						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and frame cover and frame to serve as Cast 182 kg steel in cement concrete 1:2:4 20mm and down size broken granite metal Road up cu removing concrete including cutting disposing unserviable labour charges complete as per Specifi						
		3	-	-	-	3 Nos	
	Rate · 33000:10						99000:-
(8)	Providing and laying cast around Pipe lines Cables in layers not exceeding 20cms in depth compacting each deposited layer by rammi						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

495645

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	after watering WBM Grade III to 90 MM and filling voids to 1-00 MM including cost of all labour complete as per specification.						
	Quantity vide item No. (1)					162.00 M³	
	Rate. 55:10						8910:10
(6)	Providing and laying in position Reinforced cement Concrete 1:2:4 mix M20 where cement used is 320 kg/M³						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	20mm and down size graded granite metal Coarse aggregate as 0.878 cum and fine aggregate as 0.8 and fine aggregate as 0.459 cum with super Plasticizer 13/03.1999 Reformed machine mixed cement concrete 1:5 cum brick ballast for all works in foundation plinth and ground floor level for RCC slabs staircases lintels for roof slabs staircase lintels retaining walls reservoir walls and sunken including all curing Plastering Coloumn piers abutments & Compressed as per Specification.						
	Beam Table.	1	3.65	2.85	0.20	2.08	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

495646

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Bottom.	1	3.20	2.40	0.15	1.15	
						3.23 m^3	
			Limited to			3.15 m^3	
	Rate. 6300:00						19845:00
(7)	Providing TMT Steel reinforcement for RCC work including straightening cutting, bending hooking placing in position cutting and or welding wherever required						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (Labour hooks and wastage shall not be measured and paid) cost & materials Labour Complete as per Specification.						
	As per Pre. measurement recorded vide page no.. 495696 to 495696 in Rec MB.					0.1370M	
	Rate. 6,5000 : 00						8450:00
(8)	Providing and Constructing Second Grade Brick Masonry with approved Quality & non modular bricks of Standard size & class designation 50 (Table moulded) in CM 1:6						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

495647

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents		Reference to last Measurement
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7		8
	Sub basements and superstructures including Cost & materials labour charges scaffolding curing complete as per specification etc.-complete.							
	Meeting Hall Room	1	4.55	0.23	3.00	3.13		
	Varandah	1	3.25	0.23	3.00	2.24		
	Store	1	3.70	0.23	3.00	2.55		
	Eye Specialist	1	3.50	0.23	3.00	2.41		
	Rate. 7200 : 00					10.33	M	74376 : 00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(9) Providing and fixing in position Hone wood fully Paneled Shutters for windows with Styles and Rails 30mm thick 75 mm wide in two halves with Panels 20mm thick including cost of necessary carpentry charges for Mortisings complete as per specification (excluding cost of fixtures) etc. complete.						
	Window	10	0.90	—	2.10	10.80 m^2	
	Rate : 4800 : 00						4800 :
	(10) Providing and fixing in position Shutters for Doors made out of Hone wood Styles and Rails 30 mm						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 495648

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Brick work in bottom and top rails 180 mm wide top rail and styles 150 mm and top rails 180 mm wide bottom rail and style 100 mm wide as per drawing and panels 18 mm thick 8 extensor grade thick plain venesta board including cost & necessary labour complete as per specification						
	Doors	5	1.55	-	2.10	16.27	
		1	1.20	-	2.10	2.52	
	Rate. 3300 : 00					18.79 M³	62007.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(11)	Providing Hollow Wood Frames & Doors Windows clerestory window Ventilator and Ouvert Frames Wplate framed or assembled including making Plaster grooves Excluding Cost of Materials Labour Hoisting & Lowering complete as per Specification.						
	Windows.						
		10×2	1.20	0.13	0.13	0.40	
		10×2	1.20	0.13	0.13	0.40	
	Doors	5×2	1.85	0.15	0.13	0.36	
		1×2	1.50	0.18	0.13	0.05	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

495649

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		5 x 2	2.10	0.15	0.13	0.40	
		1 x 2	2.10	0.15	0.13	0.08	
	Additional Doors	3 x 2	1.10	0.13	0.13	0.11	
		3 x 2	2.10	0.13	0.13	0.21	
						2.01 M^3	
			Limited to			1.99 M^3	
	Rate. 111000:00						220890:00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(12)	Solid PVC Door Frame providing and fixing Fact made PVC Door Frame of size 50 x 47 mm with a wa thickness of 5 mm made out of extruded 5 mm thi PVC Foam sheet reserved cut & corners and joints 2 nos of 100 mm long stiffeners inserts of 15 x 15 mm MS square size & 12 gauge the door frame to be fixed to wall using MS screws of 65 x 8 mm size complete as per Specification.						
		6	0.75	-	2.10	9.45 m²	
	Rate 550 : 00						8977 :

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

495650

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	Solid Panel Frame PVC Doors Shutters providing and Fixing 30mm thick Factory made rigid foam Preform Panelled Door Shutters made from MS tube 25 19x19 mm 19 gauge for Styles and 10 x 15 mm for top and 50 x 50 mm Covered with head moulded Prelaminated PVC channel 2.5mm thick sheet and 30 x 50 mm wide 2.5mm Styles and 5mm thick and 75 mm wide Prelaminated PVC sheets for top Rail Lock Rail and 50x50mm Rail on inner side and 5mm thick 200mm wide cross PVC sheets as per drawings for top rails and						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	bottom corner side finishing one mortar beam in steps complete as per specification and direction of the Engineer incharge of the work.						
		6	0.75	-	2.10	9.45 m²	
							3969
	Rate : 4200:00						
(14)	Providing 12mm thick cement plaster in single coat with cement mortar 1:3 to ceiling including rounding off corners wherever required. Smoothening rendering pointing and removing scaffolding including cost of materials labour charges complete as per specifi						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 495651

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Meeting Room	1	5.40	4.55	-	24.57	
	General Clinic	1	6.70	4.95	-	33.16	
	Eye Specialist	1	4.95	4.75	-	23.51	
	M. Store	1	2.85	3.70	-	10.54	
	Varandaha	1	3.25	2.85	-	9.26	
	Blood Test Lab.	1	2.85	2.30	-	6.55	
		1	4.85	1.75	-	8.48	
		1	2.95	3.00	-	8.85	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Stone	1	3.00	3.20	-	9.60	
		1	3.00	1.20	-	3.60	
		1	4.95	1.25	-	6.18	
		1	2.55	1.55	-	3.95	
		1	2.55	2.65	-	6.75	
		1	1.55	1.55	-	2.40	
		1	1.85	1.45	-	2.24	
	B.M	2	3.30	1.20	-	7.92	
		10	1.35	0.60	-	8.10	
		2	1.80	0.60	-	2.16	
	Rate. 200:00					177.82 m^2	3556

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

495652

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(B) Providing 18 mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required and rendering providing and removing scaffolding including cost & necessary labour curing complete as per specification. Inside Plaster in						
	Medicine Room.	2	5.40	3.20	-	34.56	
		2	4.55	3.20	-	29.12	
	General Clinic	2	6.70	3.20	-	42.88	
		2	4.95	3.20	-	31.68	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Stone	2	4.95	3.20	-	31.68	
		2	1.25	3.20	-	8.00	
	Blood Test.	2	2.85	3.20	-	18.24	
						196.16 m^2	
	Deduction.						
	Door	5	1.55	-	2.10	16.27	
						179.89 m^2	
	Rate. 250:00						44972

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

495653

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(16)	Providing 20 mm single cement Plaster in Single coat with cement mortar 1:4 to Stone masonry including rounding off corners wherever required smooth rendering finish and removing scaffolding including cost of materials labour curing complete as per specification.						
		1	13.30	-	4.00	53.20	
		1	13.00	-	4.00	52.00	
						105.20	m^2

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Deduction.						
	Windows. W	5	0.90	-	1.20	5.40	
	W1	2	1.50	-	1.20	3.60	
						9.00 m²	
Update.	Net qty (105.20 - 9.00) :					96.20 m²	
			limited to			86.00 m²	
	Rate · 220 : 10						18920:
(17)	Providing 20 mm thick cement plaster in single coat with cement mortar 1:3 to stone masonry including preparing the surface of concrete by removing						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

495654

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	rendering providing and removing g casso leding including cost g materials casow curing complete as per specification.						
	Sump Top	1	16.10	12.80	–	206.08	
		1	3.65	2.85	–	10.40	
		1	3.00	2.50	–	7.50	
						223.98 M2	
	Rate. 250:00						55995:00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(18)	Providing and applying painting in one coat wh Plastic emulsion paint Approved brand and manufa on wall surface to given an even approved shad after thoroughly brushing the surface free from mo drops and other foreign matter including prepari the surface even and sand paper smooth com & materials labour complete as per specification						
	Open	2	4.55	-	3.20	29.12	
		1	3.65	-	3.20	11.68	
	Meeting Room.	2	5.40	-	3.20	34.56	
		2	4.55	-	3.20	29.12	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

495655

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	M. Stove.	2	3.70	-	3.20	23.68	
		2	2.85	-	3.20	18.24	
		2	1.55	-	3.20	9.92	
		2	2.85	-	3.20	18.24	
		2	3.25	-	3.20	20.80	
		2	2.85	-	3.20	18.24	
	Eye Shelves.	2	4.95	-	3.20	31.68	
		2	4.75	-	3.20	30.40	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref to Meas
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
		2	2.55	-	3.20	16.32	
		2	2.60	-	3.20	16.64	
		2	2.55	-	3.20	16.32	
		2	1.55	-	3.20	9.92	
	General Clinic	2	6.70	-	3.20	42.86	
		2	4.95	-	3.20	31.68	
		2	4.95	-	3.20	31.68	
		2	1.25	-	3.20	8.00	
	Blood Clinic.	1	2.30	-	3.20	7.36	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

495656

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	2.85	-	3.20	18.24	
		2	4.85	-	3.20	31.04	
		1	1.75	-	3.20	5.60	
		2	2.95	-	3.20	18.80	
		2	3.00	-	3.20	19.20	
		2	3.00	-	3.20	19.20	
		2	3.20	-	3.20	20.48	
		2	3.00	-	3.20	19.20	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Old Hospital.	2	1.20	-	3.20	7.68	
		1	5.25	-	3.50	18.37	
		2	3.00	-	3.20	22.40	
		2	5.25	-	3.20	33.60	
		1	3.90	-	3.00	11.70	
		2	3.90	-	3.20	24.96	
		2	3.00	-	3.20	19.20	
		2	4.00	-	3.20	25.60	
		2	2.00	-	3.20	12.80	
	New Hospital	1	13.75	11.85	-	162.93	
						947.36 m²	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

495657

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Deduction:						
	Window. W	10	0.90	1.20	-	10.80	
	W1	1	2.10	1.20	-	2.52	
	W2	2	1.50	1.20	-	3.60	
	Door. D.	5	1.55	2.10	-	16.27	
	D1	1	1.20	2.10	-	2.52	
	D2	4	0.80	2.10	-	6.72	
	D3	2	0.90	2.10	-	3.78	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Ventilator. V	5	0.90	0.45	-	2.02	
	M_1	1	1.75	0.75	-	1.31	
						49.54 m^2	
	Net Qty - (947.36 - 49.54):					897.82 m^2	
	Rate. 45:-						
(19)	Providing and fixing ceramic tiles of size 400x400 for Flooring Threads Steps and Landing laid on a bed of 20mm thick cement Mortar 1:3 mix Flush Point with White cement mixed with matching Colour Pig... including Curing Cleaning etc.. Complete the work...						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

495658

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including curing clearing etc. complete the work including cost of materials carriage charges for equipments etc. complete as per specification.						
	Both Rooms.	1	1.55	1.45	—	2.24	
		1	1.25	1.05	—	1.31	
		1	3.00	1.20	—	3.60	
		1	2.95	1.20	—	3.54	
		1	3.60	3.00	—	10.80	
	Rate. 1100:00					21.49 m^2	23639:00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
20	Providing & laying dado tiles & steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plaster surface which should be measured and paid separately) using glazed tiles of approved make and size & measured as per specification.						
	Bath Room ①	2	1.55	-	2.00	6.20	
		2	1.45	-	2.00	5.80	
	②	2	1.25	-	2.00	5.00	
		2	1.05	-	2.00	4.20	

Bath room

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